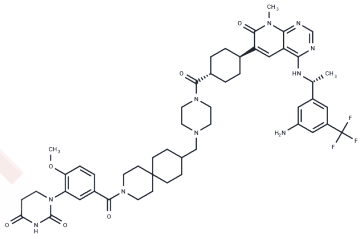
Data Sheet (Cat.No.T210119)

TargetMol

PROTAC SOS1 degrader-10

Chemical Properties



CAS No. : 3043923-74-3

Formula: C51H63F3N10O6

Molecular Weight: 969.10

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	PROTACSOS1 degrader-10 (Compound 11o) is a degrader of son of sevenless 1 (SOS1) that functions through CRBN- and protease-dependent mechanisms. It effectively degrades SOS1 in KRAS-mutated cancer cells SW620, A549, and DLD-1, with DC50 values of 2.23, 1.85, and 7.53 nM, respectively. Additionally, PROTACSOS1 degrader-10 inhibits the proliferation of SW620, A549, and DLD-1 cells, with IC50 values of 36.7, 52.2, and 107 nM, and suppresses ERK phosphorylation.
Targets(IC50)	PROTACs,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0319 mL	5.1594 mL	10.3189 mL
5 mM	0.2064 mL	1.0319 mL	2.0638 mL
10 mM	0.1032 mL	0.5159 mL	1.0319 mL
50 mM	0.0206 mL	0.1032 mL	0.2064 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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